

## EAST Search History

| Ref # | Hits    | Search Query   | DBs                                       | Default Operator | Plurals | Time Stamp       |
|-------|---------|--|---|------------------|---------|------------------|
| L1    | 30813   | ecg or electrocardiogra\$2 or egm or electrogra\$2         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | ON      | 2007/05/23 12:00 |
| L2    | 5416166 | image or display or figure                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | ON      | 2007/05/23 12:03 |
| L3    | 3464623 | range  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | ON      | 2007/05/23 12:02 |
| L4    | 14009   | 1 and 2 and 3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | ON      | 2007/05/23 12:03 |
| L5    | 5696705 | image or display or figure or picture or visual            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | ON      | 2007/05/23 12:03 |
| L6    | 14663   | 1 and 5 and 3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | ON      | 2007/05/23 12:04 |
| L7    | 7500    | 6 and ("600"/\$.ccls. or "128"/\$.ccls. or "607"/\$.ccls.) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | ON      | 2007/05/23 12:39 |
| L8    | 486553  | correlat\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | ON      | 2007/05/23 12:37 |
| L9    | 192     | (8 with 1) and (8 with 5) and 3                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | ON      | 2007/05/23 12:38 |
| L10   | 3643140 | correlat\$4 or pattern or measure\$4                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | ON      | 2007/05/23 12:37 |
| L11   | 1443    | (10 with 1) and (10 with 5) and 3                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | ON      | 2007/05/23 12:38 |

## EAST Search History

|     |        |   |   |    |    |                  |
|-----|--------|---|---|----|----|------------------|
| L12 | 1093   | 11 and ("600"/\$.ccls. or "128"/\$.ccls. or "607"/\$.ccls.)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/23 12:39 |
| L13 | 110211 | ((heart or cardiac) with disease) or ami or (acute with mi) or (acute with myocardial with infarction) or ischemia or infact\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/23 12:42 |
| L14 | 25273  | ((sudden or rapid) with (cardiac or heart) with (arrest or death)) or scd or sca  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/23 12:42 |
| L15 | 131298 | L14 or L13  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/23 12:43 |
| L16 | 521    | 12 and 15   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/23 12:46 |
| L17 | 419    | 16 and @ad<="20040415"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/23 12:49 |
| S1  | 1      | "5042497".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/06/14 08:30 |

## EAST Search History

|    |         |   |   |    |    |                  |
|----|---------|---|---|----|----|------------------|
| S2 | 111     | ("20020188214" "20030191403" "3554187" "3554187" "3658055" "3658055" "3759248" "3821948" "3902479" "3952731" "4124894" "4136690" "4170992" "4181135" "4202340" "4316249" "4417306" "4422459" "4432375" "4457315" "4458691" "4458692" "4475558" "4492235" "4519395" "4583553" "4589420" "4603703" "4616659" "4665485" "4679144" "4680708" "4680708" "4732157" "4796638" "4802491" "4832038" "4854327" "4860762" "4896677" "4924875" "4928690" "4938228" "4951680" "4955382" "4957115" "4957115" "4958641" "4972834" "4974162" "4974598" "4977899" "4979510" "4989610" "4998535" "5000189" "5010888" "5020540" "5025795" "5042497" "5092341" "5109862" "5117833" "5117834" "5148812" "5188116" "5201321" "5234404" "5253650" "5265617" "5276612" "5276612" "5277188" "5277188" "5277190" "5323783" "5343870" "5423878" "5437285" "5501229" "5509425" "5533522" "5542429" "5560370" "5570696" "5649544" "5718233" "5724983" "5724983" "5747274" "5819007" "5819007" "5819741" "5921940" "5935082" "6059724" "6067466" "6067466" "6099469" "6142078" "6169919" "6226549" "6261230" "6277072" "6334192" "6370423" "6394952" "6443889" "6450954" "6453191" "6507753" "6516219" "6705991").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/06/14 08:36 |
| S3 | 8061    | ((sudden or rapid) with (cardiac or heart) with death) or scd   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/11/15 09:02 |
| S4 | 630966  | database  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/06/14 08:37 |
| S5 | 128465  | score   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/06/14 08:37 |
| S6 | 4512122 | score or value or rate  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/06/14 08:38 |

## EAST Search History

|     |         |   |   |    |    |                  |
|-----|---------|---|---|----|----|------------------|
| S7  | 6015420 | scor\$3 or valu\$3 or rat\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/06/14 08:39 |
| S8  | 581     | S7 with S3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/06/14 08:40 |
| S9  | 89      | S8 and S4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/06/14 08:49 |
| S10 | 6       | S8 same S4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/06/14 08:40 |
| S11 | 64      | S9 and @ad<="20040415"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/06/14 08:50 |
| S12 | 13      | S11 and ("600"/\$.ccls. or "128"/\$.<br>ccls. or "607"/\$.ccls.)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/23 12:06 |
| S13 | 13      | (US-20050234313-\$ or<br>US-20040230456-\$ or<br>US-20050101873-\$ or<br>US-20050070966-\$ or<br>US-20050004481-\$ or<br>US-20040111120-\$ or<br>US-20030004403-\$ or<br>US-20020188214-\$ or<br>US-20020087194-\$).did. or<br>(US-7044911-\$ or US-6656125-\$ or<br>US-6493581-\$ or US-5277189-\$).<br>did. | US-PGPUB;<br>USPAT                        | OR | ON | 2006/06/14 09:44 |
| S14 | 9       | S13 and (image or picture or visual)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/06/14 09:47 |
| S15 | 54      | S3 same S4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/06/14 09:47 |
| S16 | 7       | S15 same image  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/06/14 09:48 |

## EAST Search History

|     |        |   |   |    |    |                  |
|-----|--------|---|---|----|----|------------------|
| S18 | 851    | 600/513,515.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/11/15 09:00 |
| S19 | 261    | 128/922.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/11/15 09:00 |
| S20 | 1112   | S18 or S19  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/11/15 09:00 |
| S21 | 8481   | ((sudden or rapid) with (cardiac or heart) with death) or scd   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/11/15 09:44 |
| S22 | 103914 | ((heart or cardiac) with disease) or ami or (acute with mi) or (acute with myocardial with infarction) or ischemia or infact\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/11/15 09:05 |
| S23 | 657077 | database  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/11/15 09:05 |
| S24 | 1019   | S21 and S22 and S23   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/11/15 09:45 |
| S25 | 111    | S24 and ("607"/\$.ccls. or "600"/\$.ccls. or "128"/\$.ccls.)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/11/15 09:45 |
| S26 | 85     | S25 and @ad<="20040415"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/11/15 09:45 |
| S27 | 24192  | ((sudden or rapid) with (cardiac or heart) with (arrest or death)) or scd or sca  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/23 12:42 |
| S28 | 1261   | S27 and S22 and S23   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/11/15 09:45 |
| S29 | 133    | S28 and ("607"/\$.ccls. or "600"/\$.ccls. or "128"/\$.ccls.)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/11/15 09:45 |

## EAST Search History

|     |     |                         |   |    |    |                  |
|-----|-----|-------------------------|---|----|----|------------------|
| S30 | 105 | S29 and @ad<="20040415" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/11/15 09:45 |
| S31 | 20  | S30 not S26             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/11/15 09:45 |

## EAST Search History

| Ref # | Hits | Search Query   | DBs                                       | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 66   | ((electrogr\$2 or egm or electrocardiogra\$2 or ecg) AND (image or visual or picture or pattern or display or figure) AND (correlat\$4 or pattern or measure\$4) AND (((heart or cardiac) with disease) or ami or (acute with mi) or (acute with myocardial with infarction) or ischemia or infarct\$4 or scd or sca or ((sudden or rapid) with (cardiac or heart) with (arrest or death))))).clm.                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | ON      | 2007/05/23 13:04 |
| L2    | 27   | ((electrogr\$2 or egm or electrocardiogra\$2 or ecg) AND (image or visual or picture or pattern or display or figure) AND (correlat\$4 AD pattern AND measure\$4) AND (((heart or cardiac) with disease) or ami or (acute with mi) or (acute with myocardial with infarction) or ischemia or infarct\$4 or scd or sca or ((sudden or rapid) with (cardiac or heart) with (arrest or death))))).clm.                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | ON      | 2007/05/23 13:05 |
| L3    | 7    | ((electrogr\$2 or egm or electrocardiogra\$2 or ecg) AND (image or visual or picture or pattern or display or figure) AND (correlat\$4 AD pattern AND measure\$4) AND (((heart or cardiac) with disease) or ami or (acute with mi) or (acute with myocardial with infarction) or ischemia or infarct\$4 or scd or sca or ((sudden or rapid) with (cardiac or heart) with (arrest or death))) with (score or measure\$4 or value))) .clm. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | ON      | 2007/05/23 13:06 |

## EAST Search History

|    |   |  |   |    |    |                  |
|----|---|--|---|----|----|------------------|
| L4 | 3 | ((electrogr\$2 or egm or electrocardiogra\$2 or ecg) AND (image or visual or picture or pattern or display or figure) AND (correlat\$4 AND pattern AND measure\$4) AND (((heart or cardiac) with disease) or ami or (acute with mi) or (acute with myocardial with infarction) or ischemia or infarct\$4 or scd or sca or ((sudden or rapid) with (cardiac or heart) with (arrest or death))) with (score or measure\$4 or value))).clm. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/23 13:07 |
|----|---|--|---|----|----|------------------|